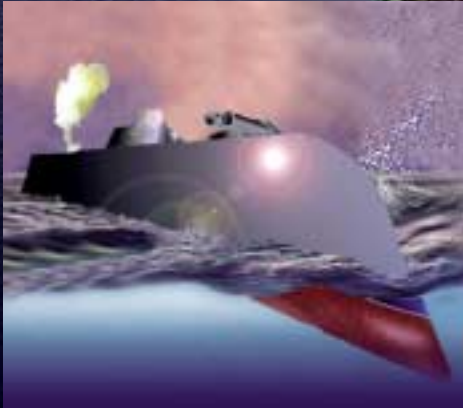
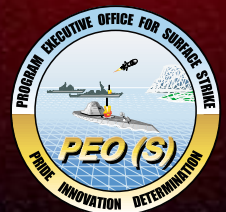


NAVAL SEA SYSTEMS COMMAND

DD 21



Leading the Fleet into the 21st Century



NAVAL SURFACE WARFARE CENTER, DAHLGREN DIVISION

DAHLGREN PANAMA CITY DAM NECK

Overview

The 21st century destroyer, DD 21, the first ship in the SC-21 family of ships, will be a multimission ship tailored to littoral land attack operations in support of Marine and Army operations ashore. The engineering challenge is to meet the peacetime presence and warfighting operations requirements of the 21st century littoral environment within stringent acquisition and life cycle cost constraints. To meet this challenge, the Navy has embarked on an aggressive acquisition strategy, which leverages major advances in combat and ship systems technologies to build an affordable, highly capable, and effective 21st century surface combatant. Meeting both the demanding performance and stringent cost goals requires a revolutionary approach to total ship systems engineering encompassing both acquisition and life-cycle engineering support functions. NSWCDD is a critical member of the DD 21 team.

What We Do

As a member of the DD 21 Program Office's (PMS500's) Technical Team 21 we:

- Provide systems engineering technical expertise in critical combat system, computing system, and total ship system engineering areas
- Provide life-cycle engineering technical expertise associated with multimission warships
- Ensure DD 21 design effectively and affordably meets
 - Operational requirements
 - Performance requirements
 - Measures of performance and effectiveness
- Assist in defining the operational context in which DD 21 will be required to operate and fight
- Provide a central repository of all DD 21 programmatic and technical information through the Collaborative Engineering Data Center (CEDC)



NSWC Dahlgren Division is the home of the DD 21 Collaborative Engineering Data Center (CEDC). Located in Building 180, this multipurpose facility provides the physical and virtual environment for the collaborative engineering, analysis, and assessment by the nationally distributed DD 21 government team. By utilizing a secure integrated digital environment (IDE), engineering personnel from throughout the country are able to work together to develop the quality products and support required to meet PMS500's and the Navy's technical support needs.

Products/Services

- Technical Team 21
- Provide systems engineering and technical support including technical reviews and evaluations of proposed industry design concepts
- Conduct requirements and risk analysis and assessment of proposed concepts, designs, schedules, and plans
- Develop/evaluate plans, procedures, and processes for Navy certifications, verification and validation, accreditation, training, and life-cycle support

Principal Sites

CEDC serves as the central technical facility for DD21 and the means for bringing together expertise from the following organizations:

- Naval Sea Systems Command (Engineering Directorates)
- Naval Surface Warfare Center
 - Dahlgren
 - Carderock
 - Crane
 - Coastal Systems Station (Panama City)
 - Port Hueneme
- Naval Undersea Warfare Center, Newport Division
- Naval Air Warfare Center, Training Systems Division
- Space and Naval Warfare Systems Center, San Diego
- Johns Hopkins University, Applied Physics Laboratory
- Naval Air Warfare Center, Patuxent River and Lakehurst Aircraft Division



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For additional information, please contact:

NSWCDD Public Affairs

Telephone: (540) 653-8153

Internet: www.nswc.navy.mil

We are looking for scientists and engineers in different fields.

For employment opportunities, please send your resume to:

NSWCDD College Recruiting Program

Human Resources Department, Code PD

17320 Dahlgren Road

Dahlgren, VA 22448-5100

Telephone: 1-800-352-7967

E-mail: recruit@nswc.navy.mil

Internet: www.nswc.navy.mil/P/RECRUIT/recruit.html